Review Test Submission: Quiz 4.1

User	David Kirby
Course	Intro to Control Systems - Fall 2020 Section Group I67
Test	Quiz 4.1
Started	9/15/20 8:15 AM
Submitted	9/15/20 8:20 AM
Status	Completed
Attempt Score	4 out of 4 points
Time Elapsed	4 minutes
Results Displayed	Submitted Answers, Incorrectly Answered Questions

Question 1

1 out of 1 points

Where are the zeros of the transfer function, $G(s) = \frac{s+3}{(s+1)(s+4)}$, located?.

Selected Answer:

$s = -3$

Question 2

1 out of 1 points

Where are the poles of the transfer function, $G(s) = \frac{s+3}{(s+1)(s+4)}$, located?.

Selected Answer:

$s = -1$ and $s = -4$

Question 3

1 out of 1 points

Consider the transfer function $G(s) = \frac{N(s)}{D(s)}$. Which of the following statements are correct? (More than one answer may be selected.)

Selected Answers:

Poles occur at values of s for which $D(s) = 0$.

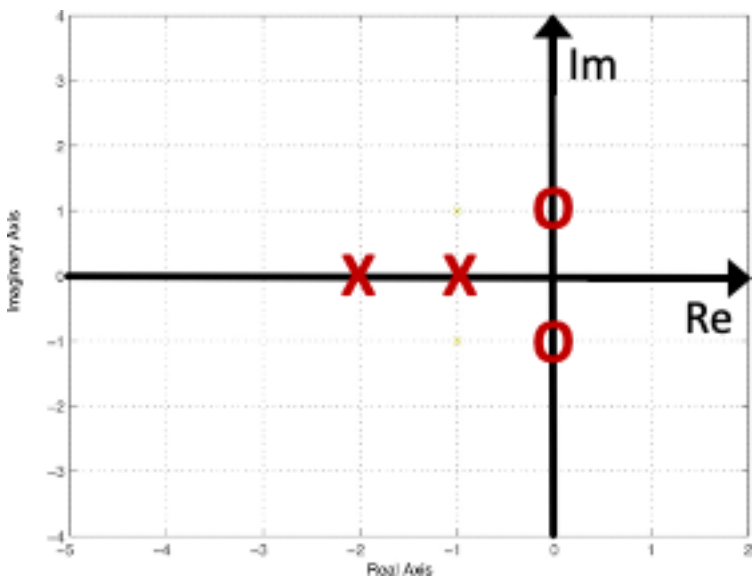
Zeros occur at values of s for which $N(s) = 0$.

Question 4

1 out of 1 points

Which of the following pole-zero maps depict the transfer function $G(s) = \frac{s^2+1}{(s+1)(s+2)}$?

Selected Answer:



Wednesday, September 30, 2020 11:10:45 AM MDT

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